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Sheet 1 of 1

Complete if Known	
Application Number	~~Unknown~~ 10/682609
Filing Date	October 9, 2003
First Named Inventor	Noriatsu Aoi
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	501152.20023

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,281,262	01/25/1994	Saito	
		US-2002/0003560	01/10/2002	Isono	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] -Number[4]- Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		JP 2001-287455	10/16/2001	Ota, et al.		✓
		JP 7-122044	12/25/1995	Nagai, et al.		✓
		JP 11-116865	04/27/1999	Ouchi, et al.		✓
		JP 10-278265	10/20/1998	Ito		✓
		JP 2002-19102	01/23/2002	Isono, et al.		✓

Examiner Signature		Date Considered	7/12/05

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